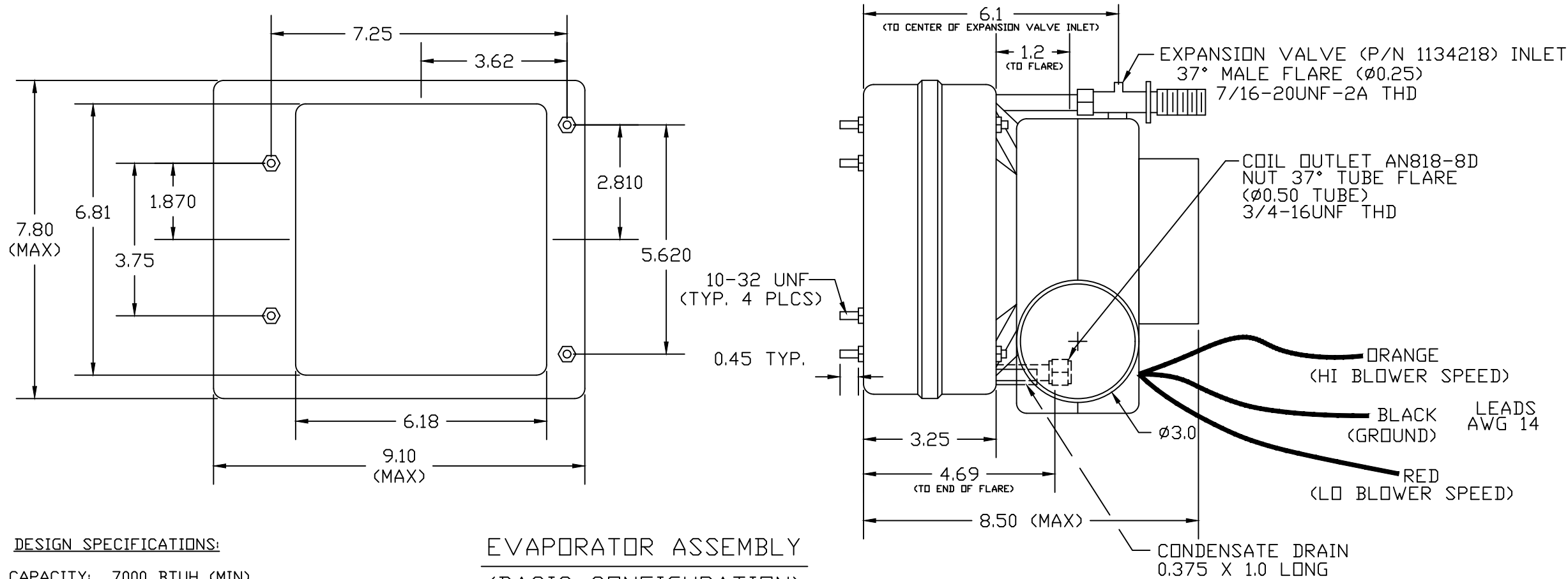


NOTES:
1. THIS DRAWING DEFINES THE OVERALL GEOMETRY AND PERFORMANCE SPECIFICATIONS OF AIR CONDITIONER EVAPORATORS APPLIED FOR AIRCRAFT USE AND CONSTITUTES THE ACCEPTANCE CRITERIA THEREOF. CONFORMANCE OF HARDWARE TO THESE REQUIREMENTS IS ACCEPTABLE IN LIEU OF VENDER DOCUMENTATION.
2. ACCEPTED SOURCE: ENVIRO SYSTEMS INC.
4000 HIGHWAY 99 NORTH
SEMINOLE, OK, 74868
(405)-382-0731

- 3 MFR'R P/N 1134200-XXX SUPERCEDES P/N 1250200-XX
- 4 ES75200-11 MOTOR ROTATION IS COUNTER CLOCK-WISE WHEN VIEWED FROM SHAFT END.
ES75200-12 MOTOR ROTATION IS CLOCK-WISE WHEN VIEWED FROM SHAFT END.
- 5 REPLACEMENT EVAPORATOR, BRUSHLESS MOTOR, DIMENSIONS ARE SIMILAR

SHEET	REV	ECO	DATE	DESCRIPTION	APR	CHK
1,2	A		08/12/94	MODIFIED -1 & -2 CONFIGURATIONS	REB	LS
1	B		06/30/95	DIM 6.06 WAS 6.25, 1.50 WAS 1.65. DIM 4.69 WAS 5.25	REB	LS
1	C		08/29/97	BLOWER MOTOR TYPE DATA ADDED	REB	LS
1-3	D		12/22/00	ADDED SH 3, NOTE 4	MR	LS
1,2	E		03/11/04	SH1: ADDED EXPANSION VALVE MANUFACTURER'S P/N. SH2: ADDED COIL HOUSING SET MANUFACTURER'S P/N's.	REB	LS
1,2	F		08/22/08	05/24/07: ADDED BRUSHLESS MOTOR EQUIVALENTS 08/22/08: REDEFINED -1,-2,-3 BRUSHLESS MOTOR. DIMS 6.650, 1.870, 2.810, 5.620, 6.150 WERE .XXXX. NOTE 3 WAS APP'L TO -2. MOTOR SHOWED NO ORIENT ON -1/-2/-3. REVISED MODEL TABLE FOR CLARITY.	REB	LS
1,2	G		09/25/09	03/31/09: -1, ROTATED MOTOR 90° CW. -2, ROTATED MOTOR 90° CCW. 07/22/09: 6.1 WAS 6.06, 1.2 WAS 1.50, 6.18 WAS 6.150, 6.81 WAS 6.650.		



DESIGN SPECIFICATIONS:

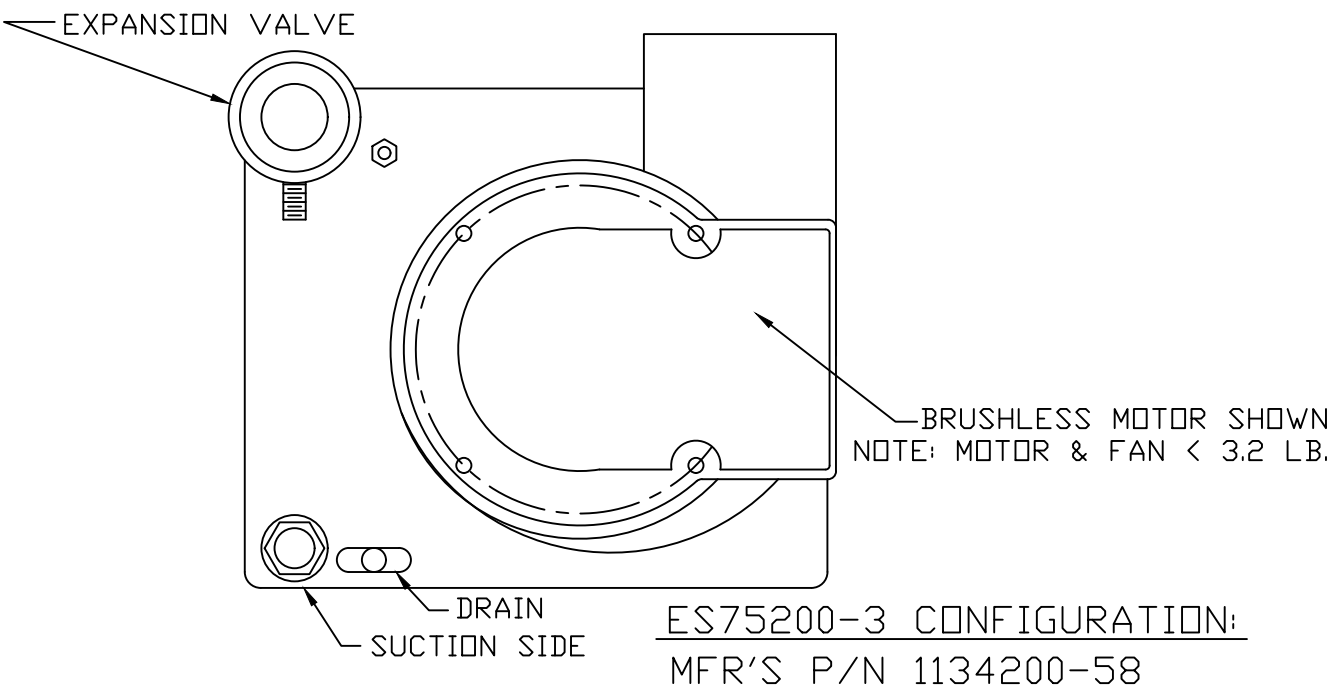
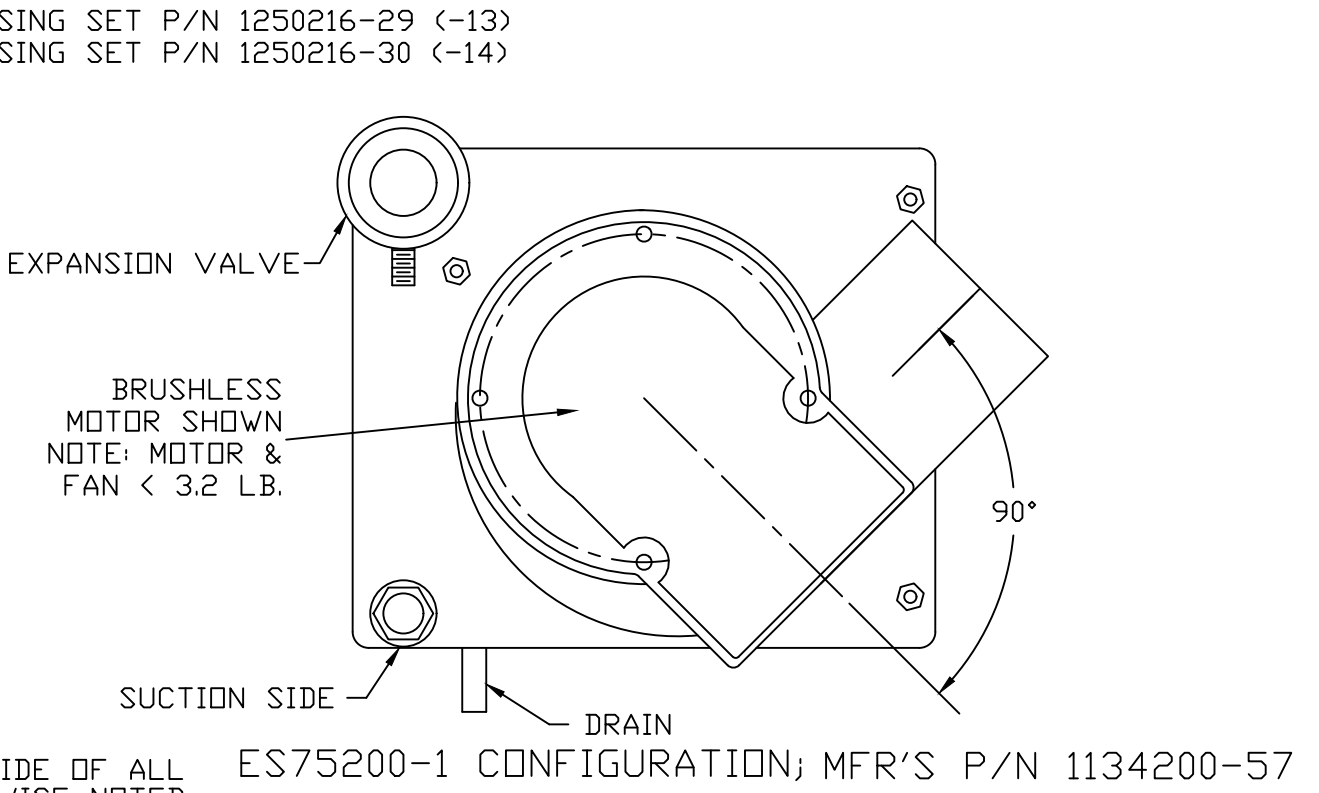
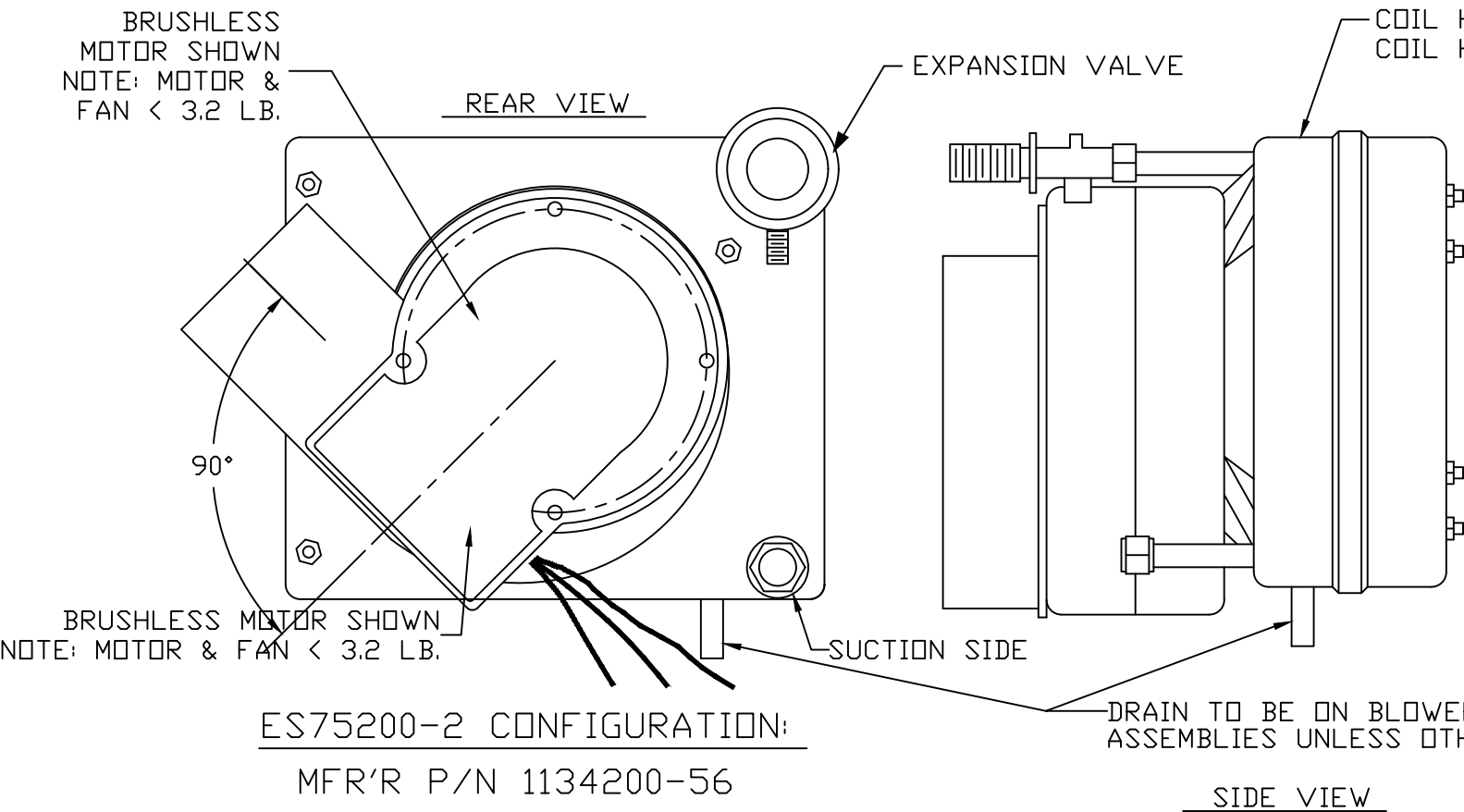
CAPACITY: 7000 BTUH (MIN)
AIR FLOW: 200 CFM @ 1.5 IN. WATER
REFRIGERANT: HFC-134A
POWER: 24-30 VDC, 196 WATTS MAX.
WEIGHT: 7.3 LBS
INLET PROOF PRESSURE = 600 PSIG
MAXIMUM OPERATING PRESSURE = 400 PSIG
EXPANSION VALVE BURST PRESSURE = 2000 PSIG

EVAPORATOR ASSEMBLY
(BASIC CONFIGURATION)

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EVAPORATOR P/N	MFR'RS P/N (BRUSH-TYPE MOTOR)	ORDER REPLACEMENT (BRUSHLESS MOTOR)	MOTOR P/N	MFR'R MOTOR P/N	EMI/RFI FILTER
ES75200-1	1134200-14	1134200-57	ES75200-11	1250210-1	NO
ES75200-2	1134200-13	1134200-56	ES75200-12	1250210-1	NO
ES75200-3	1134200-16	1134200-58	ES75200-11	1250210-1	NO
ES75200-4	1134200-BASIC		ES75200-11	1250210-1	NO
ES75200-5	1134200-4		ES75200-12	1250210-1	NO
ES75200-6	1134200-9		ES75200-12	1250210-1	NO
ES75200-7	1134200-10		ES75200-11	1250210-1	NO

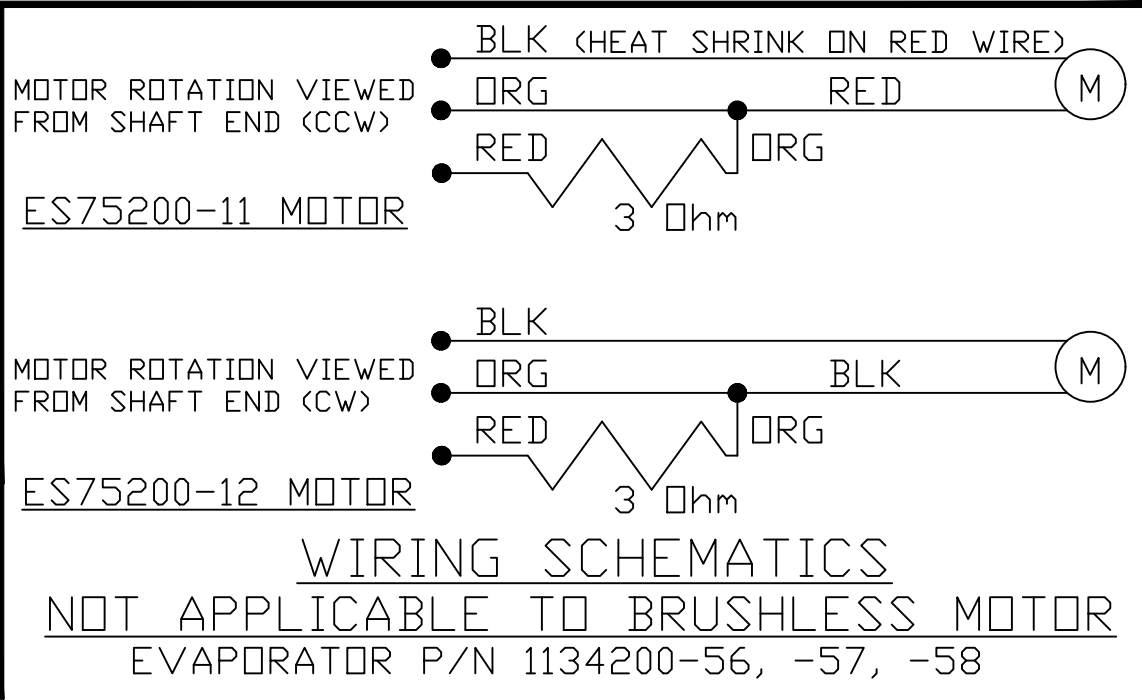
Paravion® Technology Inc.		TITLE EVAPORATOR ASSEMBLY		DRAWING NO. ES75200	
DIMENSIONS IN INCHES TOLERANCES EXCEPT WHERE NOTED: .X = ± .1 .XX = ± .05 .XXX = ± .010 ANGLES = ± 1°		DRAWN BY RHSM	APRVD. BY PR	CHK'D BY LS	DATE 09/15/93
		DO NOT SCALE DRAWING			REV G
PROTO		© 2009 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.			SHEET 1 OF 3
N/C					



NOTE: EXPANSION VALVE ORIENTATION IS OPTIONAL
AND SHALL NOT BE CAUSE FOR REJECTION

BREAK ALL SHARP EDGES

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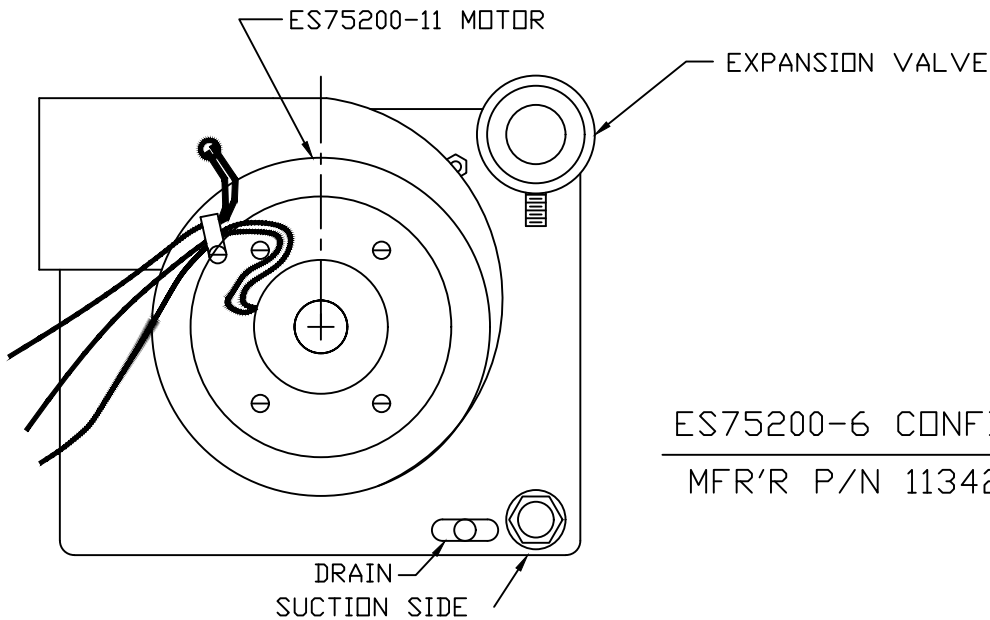


Paravion® Technology Inc.	TITLE EVAPORATOR ASSEMBLY			DRAWING NO. ES75200		
	DRAWN BY RHS	APRVD. BY REB	CHK'D BY LS	DATE 09/15/93	REV G	ECO
	DO NOT SCALE DRAWING				SHEET 2 OF 3	

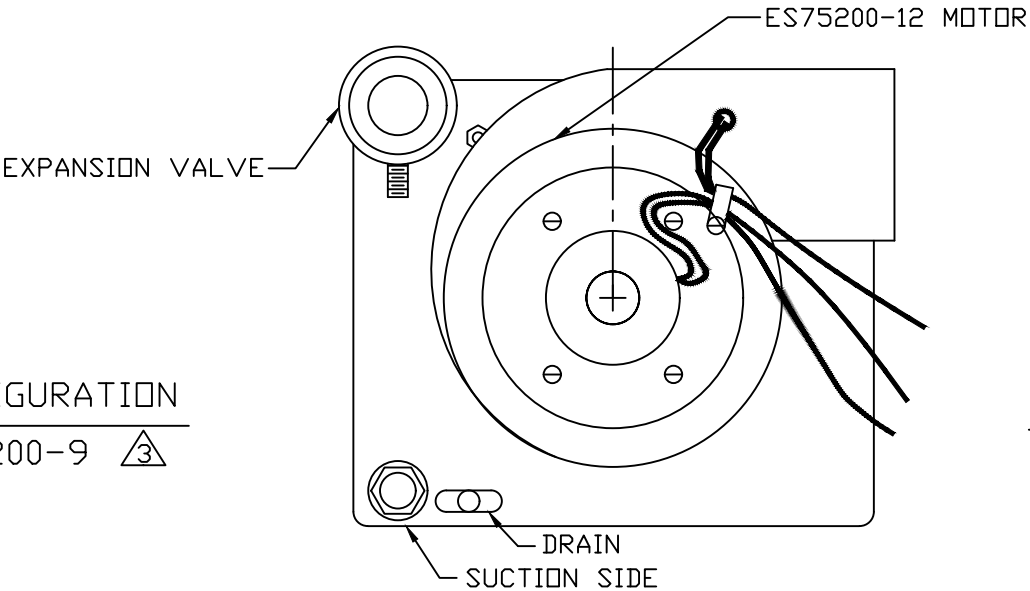
DIMENSIONS IN INCHES
TOLERANCES EXCEPT
WHERE NOTED:

.X = ± .1
.XX = ± .05
.XXX = ± .010
ANGLES = ± 1°

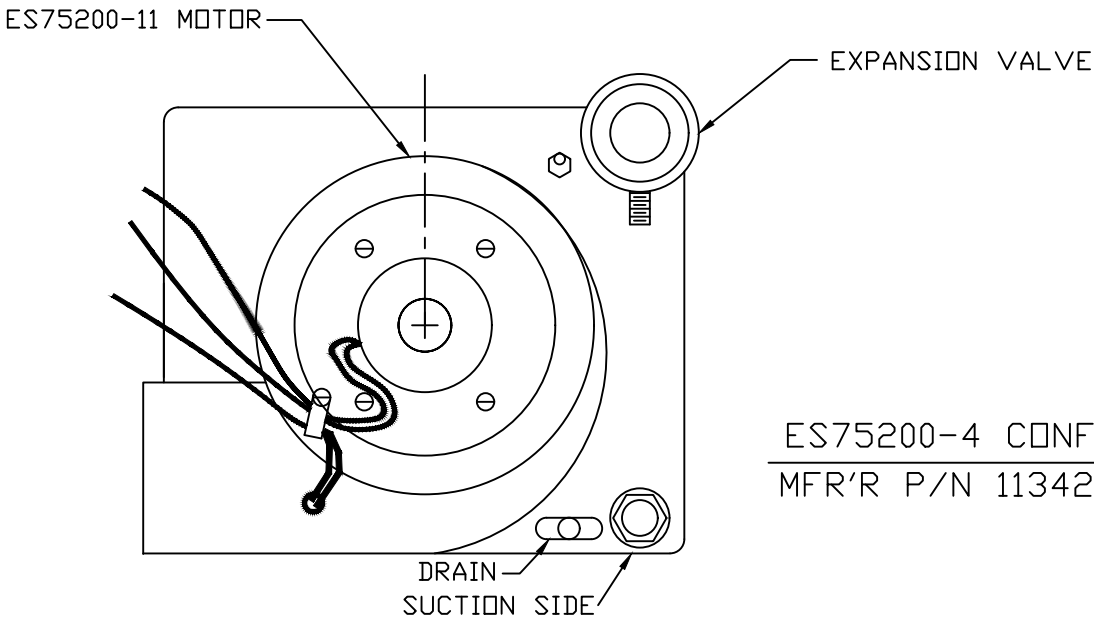
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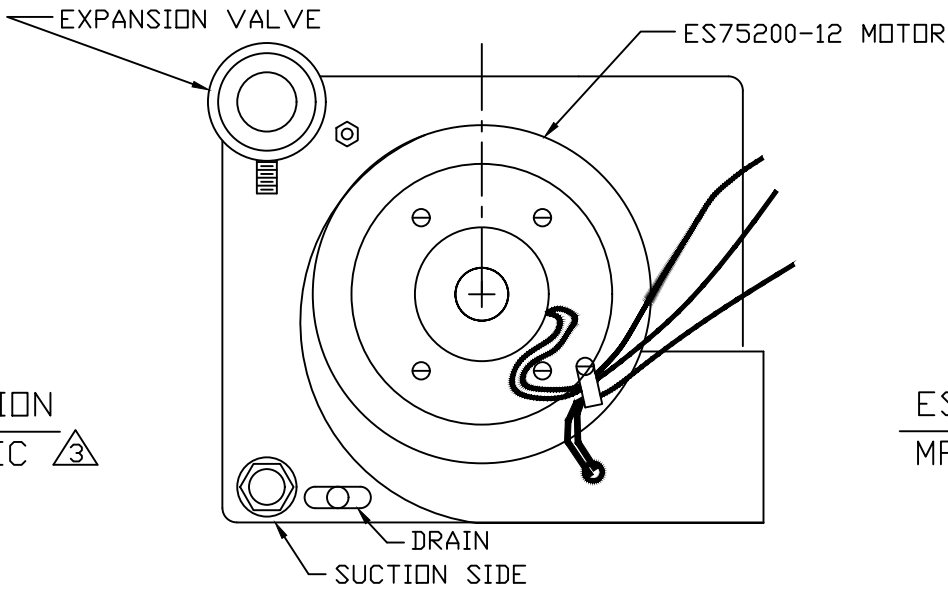
ES75200-6 CONFIGURATION
MFR'R P/N 1134200-9 \triangle_3



ES75200-7 CONFIGURATION
MFR'R P/N 1134200-10 \triangle_3



ES75200-4 CONFIGURATION
MFR'R P/N 1134200-BASIC \triangle_3



ES75200-5 CONFIGURATION
MFR'R P/N 1134200-4 \triangle_3

NOTE: EXPANSION VALVE ORIENTATION IS OPTIONAL
AND SHALL NOT BE CAUSE FOR REJECTION

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PROTO
N/C

✓ Paravion® Technology Inc.		TITLE EVAPORATOR ASSEMBLY			DRAWING NO. ES75200		
DIMENSIONS IN INCHES		DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
TOLERANCES EXCEPT WHERE NOTED:		KRG	PR	LS	07/30/99	D	
.X = ± .1		ECO					
.XX = ± .05			DO NOT SCALE DRAWING				
.XXX = ± .010		© 2000 PARAVION TECH., INC. PARAVION IS A TRADEMARK OF PARAVION TECHNOLOGY, INC.				SHEET 3 OF 3	
ANGLES = ± 1°							

BREAK ALL SHARP EDGES